

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018716.D
 Acq On : 27 Jun 2024 13:46
 Operator : SY/MD
 Sample : P3064-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-062524

Quant Time: Jun 28 03:13:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

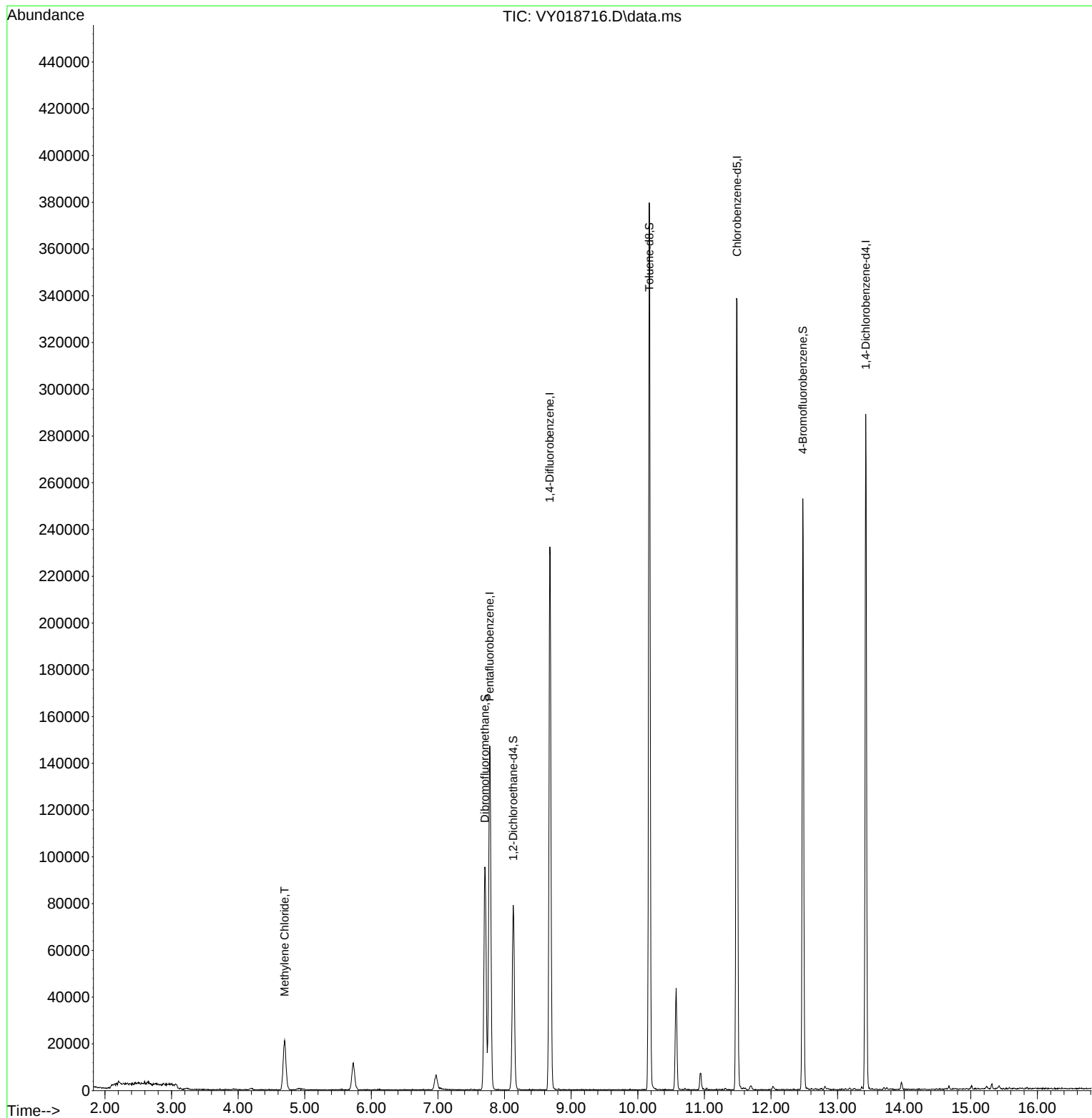
Internal Standards						
1) Pentafluorobenzene	7.777	168	120735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	215618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	59716	49.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.260%
35) Dibromofluoromethane	7.704	113	68933	52.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.820%
50) Toluene-d8	10.173	98	249776	49.380	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.477	95	74232	46.475	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.960%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	16650	2.394	ug/l	93

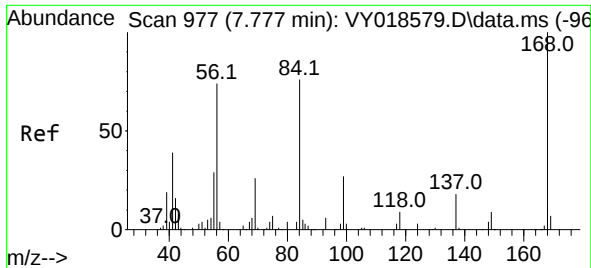
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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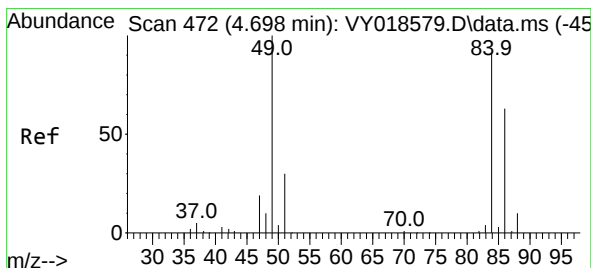
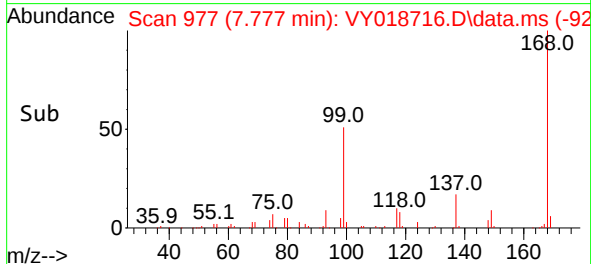
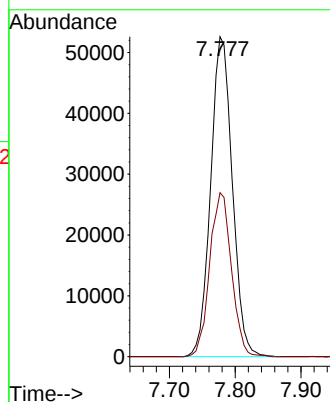
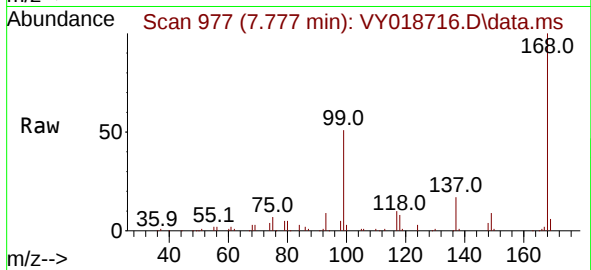




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018716.D
Acq: 27 Jun 2024 13:46

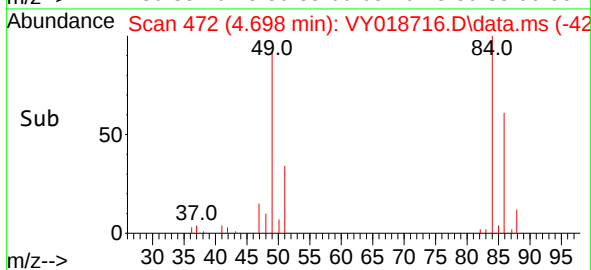
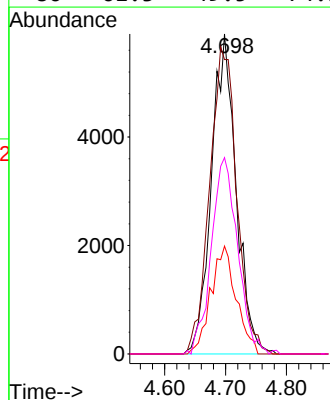
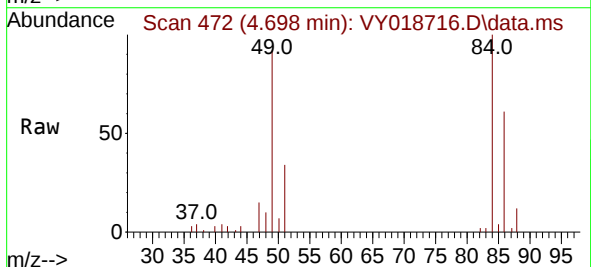
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-062524

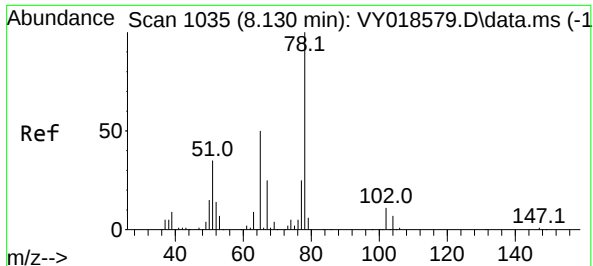
Tgt Ion:168 Resp: 120735
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#20
Methylene Chloride
Concen: 2.394 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018716.D
Acq: 27 Jun 2024 13:46

Tgt Ion: 84 Resp: 16650
Ion Ratio Lower Upper
84 100
49 92.0 84.4 126.6
51 33.7 26.0 39.0
86 61.3 49.5 74.3

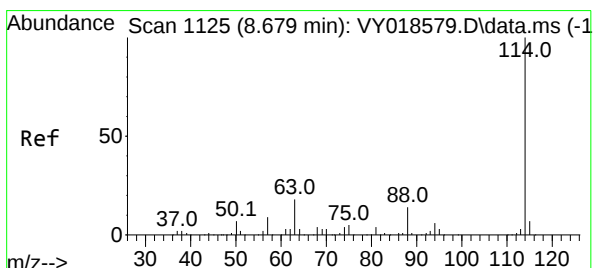
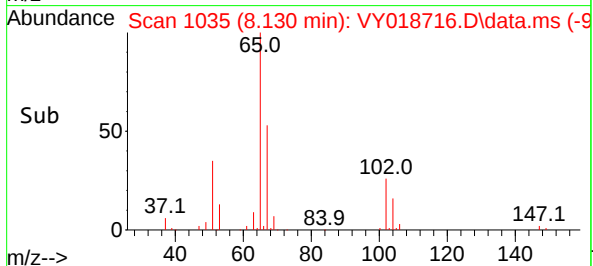
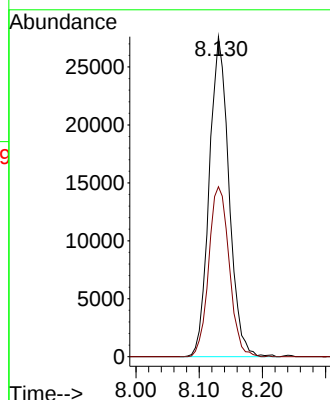
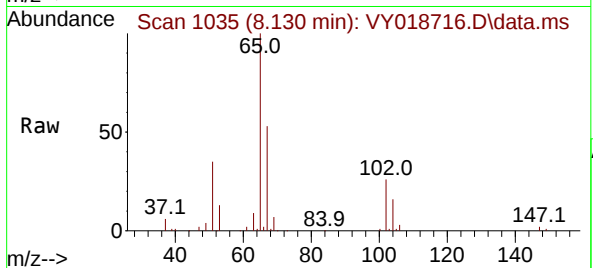




#33
 1,2-Dichloroethane-d4
 Concen: 49.127 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VY018716.D
 Acq: 27 Jun 2024 13:46

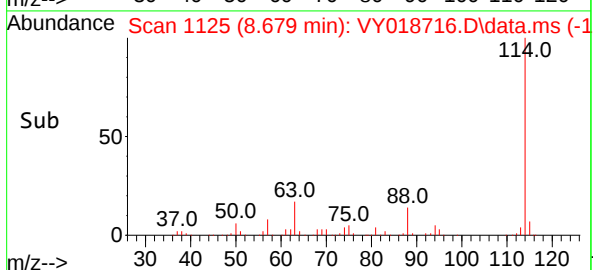
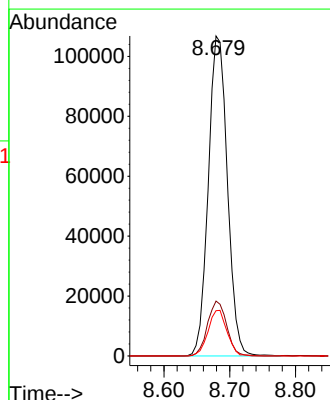
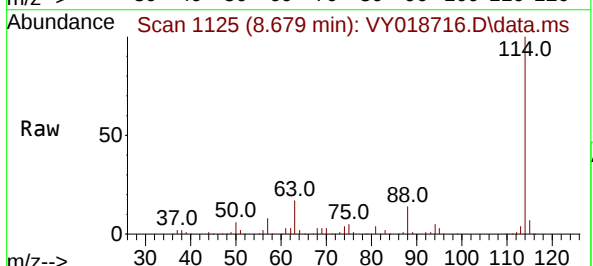
Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-062524

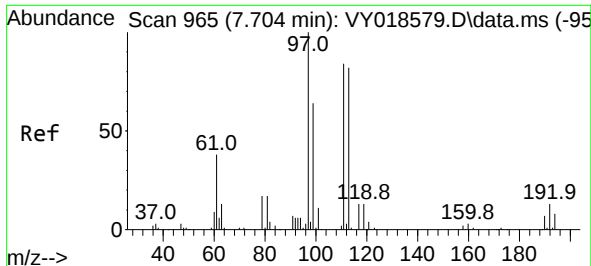
Tgt Ion: 65 Resp: 59716
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VY018716.D
 Acq: 27 Jun 2024 13:46

Tgt Ion: 114 Resp: 215618
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.0
 88 14.2 0.0 27.2

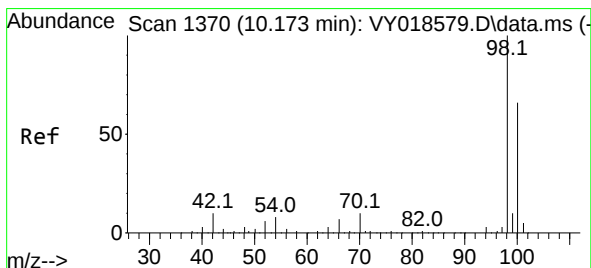
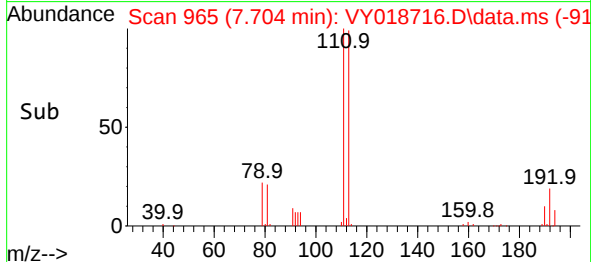
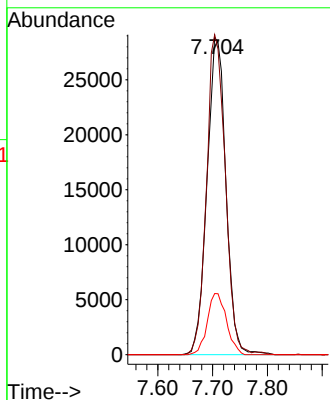
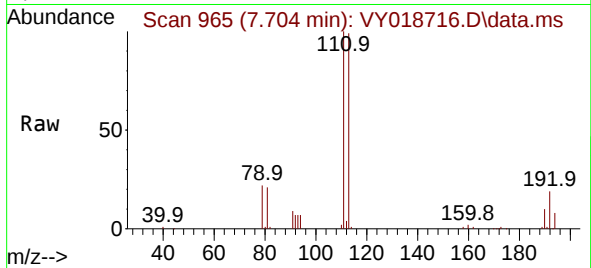




#35
 Dibromofluoromethane
 Concen: 52.408 ug/l
 RT: 7.704 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY018716.D
 Acq: 27 Jun 2024 13:46

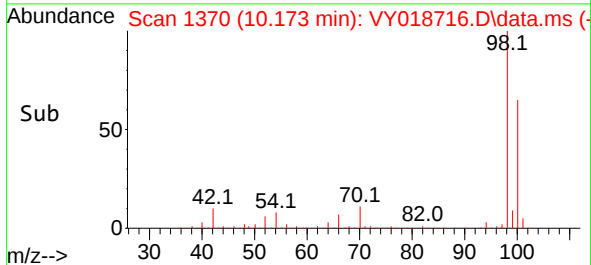
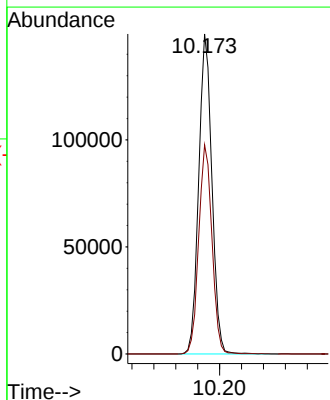
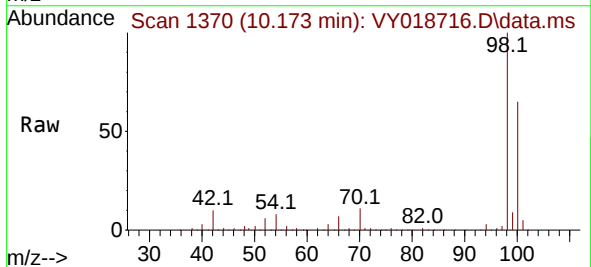
Instrument :
 MSVOA_Y
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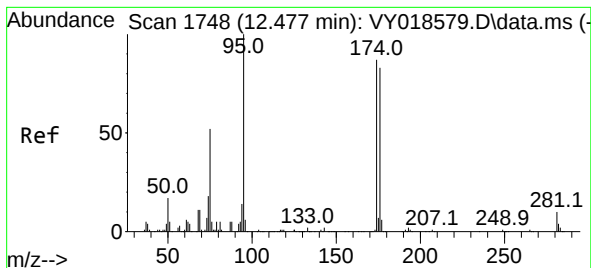
Tgt Ion:	113	Resp:	68933
Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.2	123.4
192	19.6	15.9	23.9



#50
 Toluene-d8
 Concen: 49.380 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. 0.000 min
 Lab File: VY018716.D
 Acq: 27 Jun 2024 13:46

Tgt Ion:	98	Resp:	249776
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 46.475 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018716.D

Acq: 27 Jun 2024 13:46

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-062524

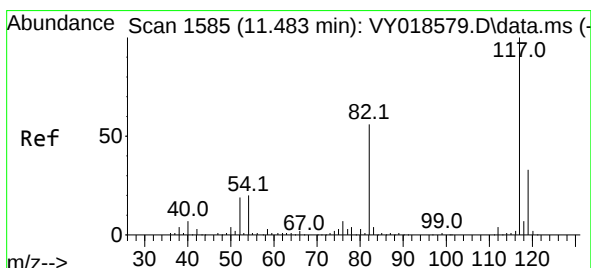
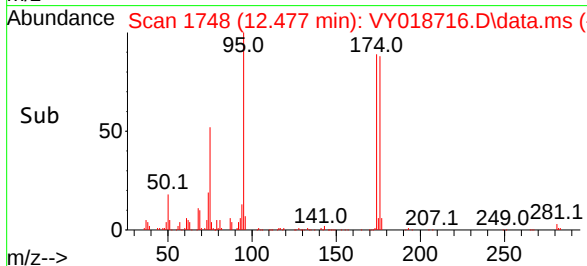
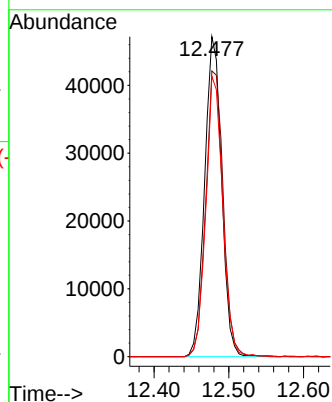
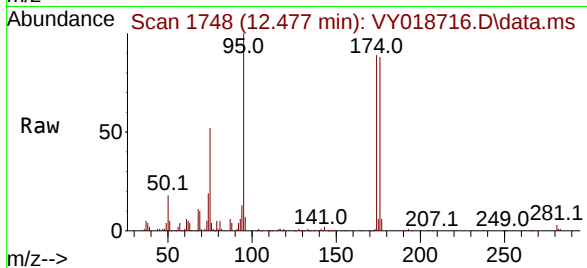
Tgt Ion: 95 Resp: 74232

Ion Ratio Lower Upper

95 100

174 92.8 0.0 175.6

176 87.2 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.006 min

Lab File: VY018716.D

Acq: 27 Jun 2024 13:46

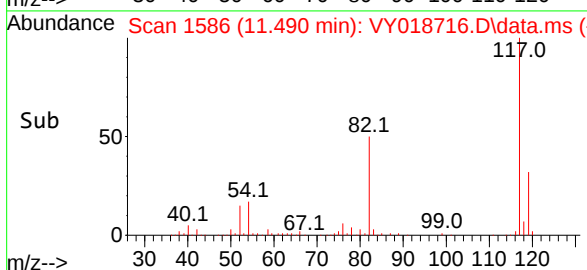
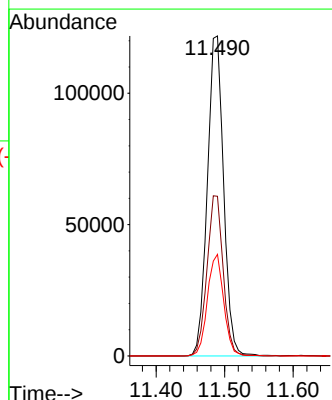
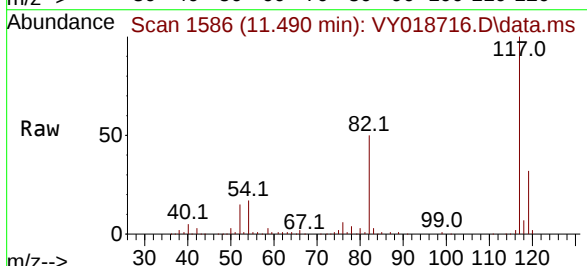
Tgt Ion: 117 Resp: 201295

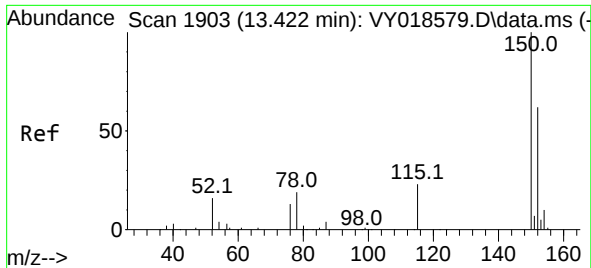
Ion Ratio Lower Upper

117 100

82 49.9 42.4 63.6

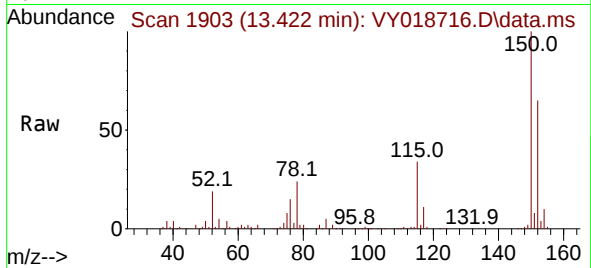
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018716.D
 Acq: 27 Jun 2024 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-062524



Tgt Ion:152 Resp: 77065
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.2 84.7
 150 156.7 0.0 345.6

